

## **Amendments to the Sequence Listing**

Enclosed is an amended Sequence Listing including SEQ ID NO: 42, SEQ ID NO: 43, SEQ ID NO: 44, and SEQ ID NO: 45. Please replace the Sequence Listing in this application with the enclosed amended Sequence Listing.

The following are the additional sequences added to the previously filed sequence listing:

### **SEQ ID NO: 42 (BDNF)**

MTILFLTMVISYFGCMKAAPMKEANIRGQGGLAYPGVRTHGTLESVNGPKAGSRGLTSLADTFEHMIEELLDEDQKV  
RPNEENNKDADLYTSRVM LSSQVPLEPPLFLLEEYKNYLDAANMSMRVRRHSDPARRGELSVCD SISEWVTAADKK  
TAVDMSGGTVTVLEKVPVSKGQLKQYFYETKCNPMGYTKEGCRGIDKRHWNSQCRTTQSYVRALTMDSKKRIGWRFI  
RIDTSCVCTLTIKRGR

### **SEQ ID NO: 43 (NT-3)**

msilfyviflaylrgi qgnnmdqrs lpedslnsliikligadilknklskqmv dvkenyqstlpkaeaprepeggea  
trsefqpmiatdtellrqrrynsprvllsdstpleppplylmedyvgnpvvtnrtsprrkryaehkshrgeysvcd  
seslwtdkssaidirghqvtvlgeiktgnspvkqfyetrckearpvkngcrgiddkhwnsqcktsqtyvraltse  
nnklvgwrwiridtsvcalsrkigrt

### **SEQ ID NO: 44 (NT-4)**

mlplpscslpilllflpsvpiesqpppstlppflapewdllsprvlsrgapagppllflleagafresagapanr  
srrgvsetapasrrgelavcdavsgwvtdrrtavdlrgrevevlgevpaaggsplr qyffetrckadnaeegggpag  
gggcrgvdr rhwvseckakqsyvraltadaqgrvgwrwiridtacvtllsrtgra

### **SEQ ID NO: 45 (NT-4/5)**

mlplpscslpilllflpsvpiesqpppstlppflapewdllsprvlsrgapagppllflleagafresagapanr  
srrgvsetapasrrgelavcdavsgwvtdrrtavdlrgrevevlgevpaaggsplr qyffetrckadnaeegggpag  
gggcrgvdr rhwvseckakqsyvraltadaqgrvgwrwiridtacvtllsrtgra